

ABSTRACT

Transmit power determination section 105 determines a transmit power value in a communication between the own stations that will not interfere with 5 communications between other stations based on the transmit power value in the communications between the other stations, SIR measurement section 108 measures an SIR of a known reference signal in the reception signal and transmission rate determination section 109 10 determines a transmission rate value that will meet the desired communication quality according to the determined transmit power value and measured SIR value.

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